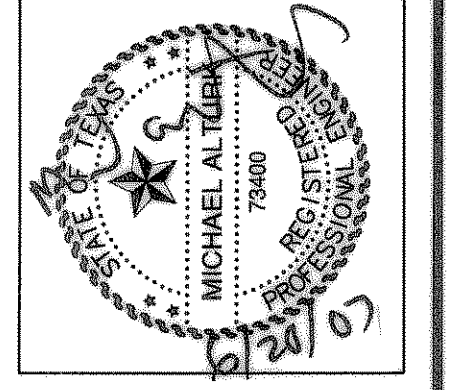


**LEGEND**

	PROPERTY LINE
	ADJOINED PROPERTY
	EXISTING 1' CONTOUR
	PROPOSED 1' CONTOUR
	DRAINAGE AREA BASIN
	EXISTING WATER LINE
	PROPOSED CURB
	DRAINAGE AREA ID
	INLET ID

NO.	DESCRIPTION	DATE	SCALE
1	ISSUE FOR PERMIT	5/20/06	1" = 20'
2	ISSUE FOR PERMIT	8/27/06	1" = 20'
3	REVISE SANITARY SEWER PER PRIVATE 6" WATER LINE	12/14/06	1" = 20'
4	REVISE STORM SEWER AND CURB INLET	6/4/07	1" = 20'
5	RECORD DRAWINGS	5/25/08	1" = 20'



SUBWAY / GATEWAY / HEALTH FOOD STORE  
 STATE HIGHWAY 276 & F.M. 549  
 ROCKWALL, ROCKWALL COUNTY, TEXAS

**DRAINAGE AREA MAP**

1120 S. FREEWAY SUITE 118  
 FT WORTH, TX 76104  
 PHONE (817) 271-9066  
 FAX (817) 796-1042



SHEET  
**C-4.1**

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR WILL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

**RECORD DRAWINGS**  
 THE DRAWINGS CONTAINED IN THIS SET ARE "RECORD DRAWINGS". THE INFORMATION SHOWN ON THESE SHEETS, WHERE IT DIFFERS FROM THE PERMITTED SET, IS TAKEN FROM FIELD OBSERVATIONS AND NOTES PROVIDED BY THE GENERAL CONTRACTOR.

**100 YEAR DRAINAGE CALCULATION**

RATIONAL FORMULA  
 $Q=CIA$

BASIN	AREA	Tc	C	I	100-YR Q	NOTE
A	0.317 AC.	10 MIN.	0.90	9.44	2.69 CFS	DRAINS TO CURB CUT
B	0.325 AC.	10 MIN.	0.90	9.44	2.76 CFS	DRAINS TO I-1
C	1.098 AC.	10 MIN.	0.90	9.44	9.33 CFS	DRAINS TO I-2
D	0.650 AC.	10 MIN.	0.90	9.44	5.52 CFS	DRAINS ACROSS RIGHT-OF-WAY
E	0.075 AC.	10 MIN.	0.90	9.44	0.64 CFS	DRAINS THROUGH SYSTEM CONNECTING TO I-1
G-1	—	10 MIN.	0.40	9.44	34 CFS	DRAINS TO CULVERT
G-2	—	10 MIN.	0.40	9.44	14 CFS	DRAINS TO CULVERT